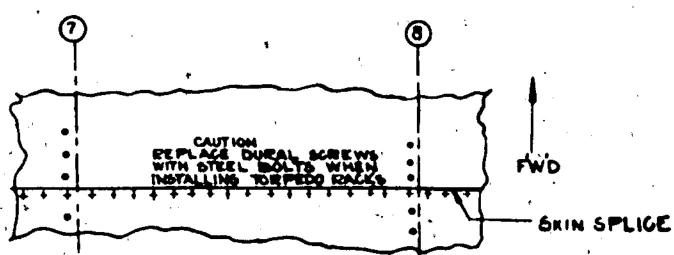
LET	ALTERATION	DATE	BY	LET	ALTERATION	DATE	BY
A	NOTE "STENCIL ---- SHOWN" WAS "STENCIL IN ½ NON-SPECULAR WHITE FWD OF SPLICE ON BOTTOM SURFACE BETWEEN STA #7 & #8 AS SHOWN. NO WT. CHG.			H MCR	ADDED ITEM 45 & DETAIL "B" WITH NOTE "STENCIL WHITE --- DIAMETER. NO WT. CHG.		
B	ON FACE OF DRWG. ITEM ONE #27 WAS ON PORT & STBD SIDE. NO WT. CHG.			J	IN NOTES LIMITED THE INSIGNIA RED BORDER TO MCR 39G & MCR 1014A & ADDED INSIGNIA BLUE BORDER FOR MCR 39G & ON, & MCR 1014A & ON. NO WT. CHG.		
C	ITEM 25 WAS "STBD SIDE ONLY" ADDED NOTE "STENCIL ---INSTALLED" TO ITEM NO WT. CHG.						
D	ADDED NOTE "STBD SIDE ONLY" TO ITEM #26 NO WT. CHG.						
E	NOTE "SYMMETRICAL --- NOTED" WAS "SYMMETRICAL --- ONLY" NO WT. CHG.						
F	REVISED NOTE "USE --- SIDES." NO WT. CHG.						
G	REMOVED 30" DIM. & LOCATION OF INSIGNIA IN RELATION TO AILERON CUTOUT. ADDED INSIGNIA WITH REVISED SPEC. & NOTES DESCRIBING INSIGNIA FOR UPPER & LOWER WING SURFACES. ADDED NOTE "INSIGNIA TO BE TANGENT TO ℄ OF REAR SPAR. ADDED DETAIL "C" NO WT. CHG.						

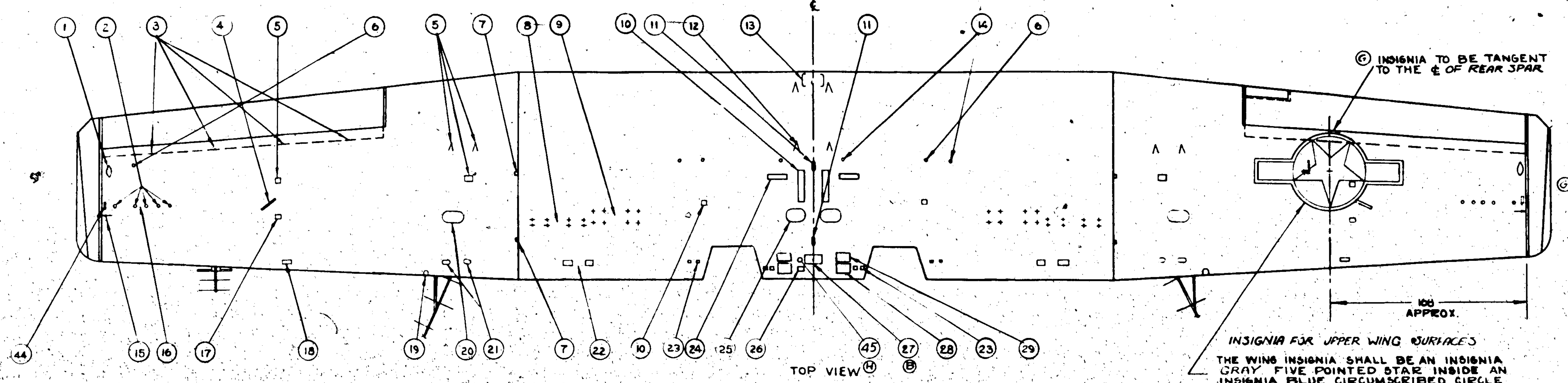


DETAIL "B"
STENCIL WHITE LETTERS ½ INCH HIGH ON BLACK BACKGROUND 3 INCH DIAMETER

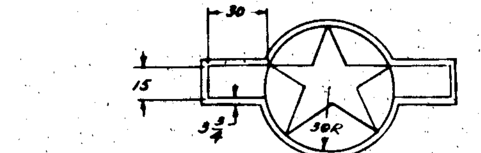


DETAIL "A"
(A) STENCIL IN ½" NON-SPECULAR INTERMEDIATE BLUE FWD OF SPLICE ON BOTTOM SURFACE BETWEEN STA #7 & #8 AS SHOWN.

(E) SYMMETRICAL ABOUT ℄ WING EXCEPT FOR ITEMS #25 & 26 TO BE STENCILLED AS NOTED.



TOP VIEW (H)



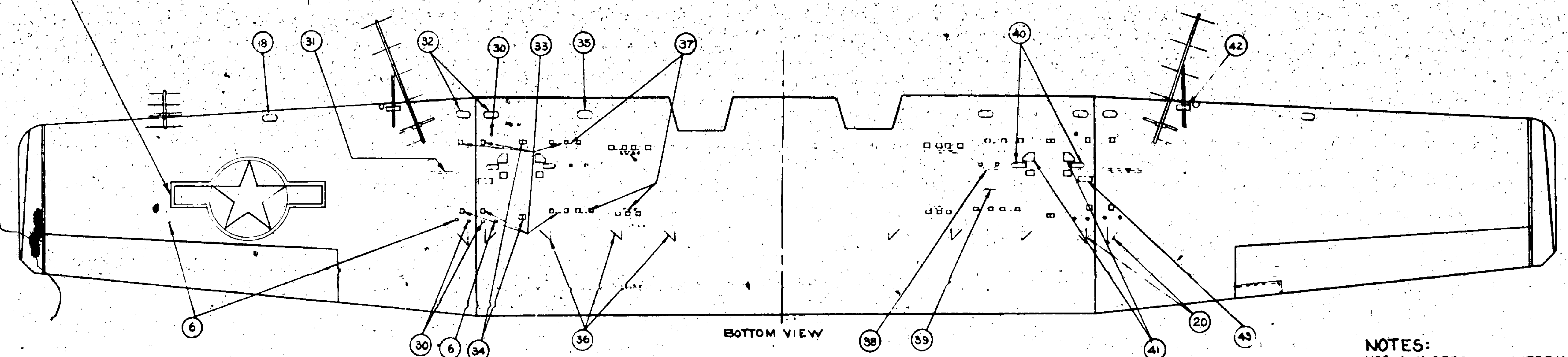
(G) GENERAL APPEARANCE OF COMPLETED INSIGNIA.
DETAIL C

INSIGNIA FOR UPPER WING SURFACES

THE WING INSIGNIA SHALL BE AN INSIGNIA GRAY FIVE POINTED STAR INSIDE AN INSIGNIA BLUE CIRCUMSCRIBED CIRCLE (G) TWO RECTANGES ARE BLOCKED IN SOLID ON EACH SIDE OF THE BLUE CIRCLE WITH INSIGNIA GRAY. THE ENTIRE DESIGN IS OUTLINED (J) WITH AN INSIGNIA RED BORDER (TO MCR 39G & MCR 1014A.)
THE ENTIRE DESIGN IS OUTLINED WITH AN INSIGNIA BLUE BORDER (MCR 39G & ON & MCR 1014A & ON)
NON SPECULAR TYPE PAINT USED

(G) INSIGNIA FOR LOWER WING SURFACES

THE WING INSIGNIA SHALL BE AN INSIGNIA WHITE FIVE POINTED STAR INSIDE AN INSIGNIA BLUE CIRCUMSCRIBED CIRCLE. TWO RECTANGLES ARE BLOCKED IN SOLID ON EACH SIDE OF THE BLUE CIRCLE WITH INSIGNIA WHITE. THE ENTIRE DESIGN IS OUTLINED WITH AN INSIGNIA RED BORDER TO MCR 39G & MCR 1014A
THE ENTIRE DESIGN IS OUTLINED WITH AN INSIGNIA BLUE BORDER (MCR 39G & MCR 1014A & ON.
NON SPECULAR TYPE PAINT USED.



BOTTOM VIEW

(1) ANTENNA MAST
(2) 5 BLACK CIRCLES 3/8 DIA x 1/8 WIDE & 1 BLACK ARROW AT WING TIP TO DESIGNATE OIL HOLES.
(3) ACCESS DOORS FOR ATTACHMENT OF AILERON HINGE RIBS TO WING SPAR
(4) ACCESS DOOR TO FLOAT LOCK CONTROL & RECOIL ABSORBER
(5) ACCESS DOOR TO AILERON CONTROL
(6) DRIFT HOLE
(7) PANEL HOIST
(8) BOMB HOIST
(9) TORPEDO HOIST
(10) ALL SCREWS THRU THIS PLATE TO BE Q5105-10-11CSK SCREWS 11/16 LONG (½" HIGH)
(11) HOIST
(12) CAUTION: DISCONNECT AILERON CONTROLS BEFORE REMOVING WING
(13) HAND GRIP
(14) ENGINE HOIST ANCHORAGE, OMIT WASHER WHEN USING HOIST (½" HIGH)
(15) STENCIL ARROW OVER FLOAT LOCK
(16) USE INSTRUMENT OIL ONLY
(17) PANEL HOIST
(18) ACCESS DOOR TO FLOAT CONTROL GEAR BOX
(19) WING LINE FITTING
(20) ACCESS DOOR TO WING SPLICE
(21) ACCESS DOOR TO RECEIVER AERIAL STRUT
(22) BOMB & TORPEDO CONTROL
(23) WORK PLATFORM
(24) SCREWS TO BE AN 525-10-9, WASHER HEAD 9/16 LONG (½ HIGH)
(C) (25) SUITABLE FOR AROMATIC FUELS (DATE) (STENCIL ONLY ON SIDE WHERE FUEL CELLS INSTALLED)
(D) (26) D.C. GENERATOR J.C.T. (S'T'B'D SIDE ONLY)
(27) CAUTION: DISCONNECT ELECTRIAL WIRING CONTROLS ETC., BEFORE REMOVING WING
(28) BATTERY
(29) ENGINE TERMINAL
(30) DRAIN HOLE
(31) CAUTION; DISCONNECT ELECTRICAL WIRING AILERON CONTROL, FLOAT CONTROL, & DEICER TUBES BEFORE REMOVING WING.
(32) ACCESS DOOR TO FLOAT TORQUE TUBE COUPLING & WING SPLICE.
(33) ATTACH BOMB LOADING PLATFORM
(34) ATTACH MK42 BOMB RACK
(35) CAUTION: DISCONNECT LANDING LIGHT WIRES BEFORE REMOVING LEADING EDGE
(36) ACCESS TO AILERON CONTROL INSPECTION
(37) ATTACH TORPEDO LOADING PLATFORM.
(38) ATTACH 28A5132 TORPEDO & BOMB RACK
(39) SEE DETAIL "A"
(40) ACCESS TO MK 51-7
(41) NOSE / FUSING / TAIL
(42) ACCESS DOOR TO WING LINE FITTING
(43) AT SPLICE OF CENTER SECTION & OUTER PANEL, INSIDE WING ON BOTTOM SKIN OF CENTER SECTION—BOTH ENDS—STENCIL IN 1" HIGH GLOSSY RED LETTERS "DO NOT FLY SHIP WITHOUT STRINGER SPLICE INSTALLED"
(44) NO STEP.
(45) SEE DETAIL "B"

NOTES:
(F) 1 USE NON-SPECULAR INTERMEDIATE BLUE FOR ALL MARKINGS ON BOTTOM & TOP SIDES.
2 WING MARKINGS TO CONFORM WITH SPEC SR-2c WING INSIGNIA TO CONFORM WITH SPEC AN-I-9
3 ALL LETTERING TO BE 1" HIGH UNLESS NOTED.

(C#N08(S)1478, C#91276 MCR 39A-1
C#N08(S) 464 MCR 39A-1

APPROVED FOR TOOLING BY
Howard
5/27/43

	MODEL	NEXT ASSY	
	PBY-5	28W4001	1
	PBY-5A	28W4001	1

REQUIREMENTS PER AIRPLANE
REPLACES
REPLACED BY
SCALE ¼" = 1'0"
STAMP PART NUMBER WHERE SHOWN

PART No.	STOCK	MATERIAL	SPEC.	-0 REQ	-2 REQ	-3 REQ	-4 REQ	-5 REQ

PARTS LIST PER ASSY.

A C							
NAVY	NOTED	5-13-43					
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	MAT	APPROV	ENG

NAME INSIGNIA & MARKING WING
CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.
OPP HAND
J 28W5550

R 5 28 43 28W5550